

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (canceled)

15. (New) A method for controlling transmission power levels of a code division multiple access (CDMA) subscriber unit, the method comprising:

receiving by the subscriber unit a power control bit on a downlink control channel, the power control bit indicating either an increase or decrease in transmission power level;

transmitting a plurality of channels by the subscriber unit, the plurality of channels including a traffic channel and a reverse control channel;

in response to the received power control bit, adjusting a transmission power level of both the traffic channel and the reverse control channel, wherein a required signal to interference ratio (SIR) for the traffic channel and the reverse control channel differ; and

transmitting the traffic channel and the control channel at their respective adjusted transmit power levels.

16. (New) The method of claim 15 comprising transmitting at least one additional traffic channel by the subscriber unit and a transmission power level of the at least one additional traffic channel is adjusted in response to the received power control bit.

17. (New) The method of claim 15 comprising transmitting a reverse channel that is not a traffic or control channel by the subscriber unit and a transmission power level of the reverse channel that is not a traffic or control channel is adjusted in response to the received power control bit.

18. (New) The method of claim 15 wherein the power control bit has a value of +1 or -1.

19. (New) The method of claim 15 wherein the transmission power levels of the traffic channel and the reverse control channel are established based on a proportion.

20. (New) The method of claim 15 wherein the reverse control channel carries at least one power command.

21. (New) A method for controlling transmission power levels of a code division multiple access (CDMA) subscriber unit, the method comprising:

receiving by the subscriber unit a series of power control bits on a downlink channel, each power control bit indicating either an increase or decrease in transmission power level;

transmitting a plurality of channels by the subscriber unit, the plurality of channels including a traffic channel and a reverse control channel;

adjusting a transmission power level of both the traffic channel and the reverse control channel in response to same bits in the received series of power control bits, wherein the adjusted transmission power level for the traffic channel and the reverse control channel differ; and

transmitting the traffic channel and the control channel at their respective adjusted transmit power levels.

22. (New) The method of claim 21 wherein the downlink channel is a downlink control channel.

23. (New) The method of claim 21 comprising transmitting at least one additional traffic channel by the subscriber unit and a transmission power level of the at least one additional traffic channel is adjusted in response to the same bits in the received series of power control bits.

24. (New) The method of claim 21 comprising transmitting a reverse channel that is not a traffic or control channel by the subscriber unit and a transmission power level of the reverse channel that is not a traffic or control channel is adjusted in response to the same bits in the received series of power control bits.

25. (New) The method of claim 21 wherein each power control bit has a value of +1 or -1.

26. (New) The method of claim 21 wherein the transmission power levels of the traffic channel and the reverse control channel are established based on a proportion.

27. (New) The method of claim 21 wherein the reverse control channel carries at least one power command.

28. (New) The method of claim 21 wherein the traffic channel and the reverse control channel have differing required signal to interference ratios (SIRs).

29. (New) A code division multiple access (CDMA) subscriber unit comprising:

a despreading and demultiplexing device configured to recover a power control bit from a downlink control channel, wherein the power control bit having a value indicating either an increase or decrease in transmission power level; and

a variable gain device configured, in response to the received power control bit, to adjust a transmission power level of both a traffic channel and a reverse control channel prior to transmission by the subscriber unit, wherein a required signal to interference ratio (SIR) for the traffic channel and the reverse control channel differ.

30. (New) The CDMA subscriber unit of claim 29 wherein the variable gain device configured to adjust a transmission power level of at least one additional traffic channel in response to the received power control bit.

31. (New) The CDMA subscriber unit of claim 29 wherein the variable gain device configured to adjust a transmission power level of a reverse channel that is not a traffic or control channel in response to the received power control bit.

32. (New) The CDMA subscriber unit of claim 29 wherein the power control bit has a value of +1 or -1.

33. (New) The CDMA subscriber unit of claim 29 wherein the transmission power levels of the traffic channel and the reverse control channel are established based on a proportion.

34. (New) The CDMA subscriber unit of claim 29 wherein the reverse control channel carries at least one power command.

35. (New) A code division multiple access (CDMA) subscriber unit comprising:

a despreading and demultiplexing device configured to recover a series of power control bits from a downlink channel, wherein each power control bit having a value indicating either an increase or decrease in transmission power level; and

a variable gain device configured, in response to the received series of power control bits, to adjust a transmission power level of both a traffic channel and a reverse control channel in response to same bits in the received series of power control bits prior to transmission by the subscriber unit, wherein the adjusted transmission power level for the traffic channel and the reverse control channel differ.

36. (New) The CDMA subscriber unit of claim 35 wherein the downlink channel is a downlink control channel.

37. (New) The CDMA subscriber unit of claim 35 wherein the variable gain device configured to adjust a transmission power level of at least one additional traffic channel in response to the same bits in the received series of power control bits.

38. (New) The CDMA subscriber unit of claim 36 wherein the variable gain device configured to adjust a transmission power level of a reverse channel that is not a traffic or control channel in response to the same bits in the received series of power control bits.

39. (New) The CDMA subscriber unit of claim 36 wherein each power control bit has a value of +1 or -1.

40. (New) The CDMA subscriber unit of claim 36 wherein the transmission power levels of the traffic channel and the reverse control channel are established based on a proportion.

41. (New) The CDMA subscriber unit of claim 36 wherein the reverse control channel carries at least one power command.

42. (New) The CDMA subscriber unit of claim 36 wherein the traffic channel and the reverse control channel have differing required signal to interference ratios (SIRs).